Index of Claims

Application/Control No.

10/602,631

Examiner

Anthony H. Nguyen

Applicant(s)/Patent under Reexamination

JUNG, JONG-SUNG

Art Unit

2854

| <b>√</b> | Rejected |
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| 11       | Allowed  |

- (Through numeral)
Cancelled

Restricted

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O Objected

| Čla         | laim Date   |                                     |  |          | Cla  | Claim Date                                       |  |           |              |          |          | ]        | Cl                   | aim      | Date     |          |         |         |         |  |             |       |            |          |                 |          |           |          |          |              |          |           |
|-------------|-------------|-------------------------------------|--|----------|--|--|--|-----------|--------------|----------|----------|----------|----------------------|----------|----------|----------|---------|---------|---------|--|-------------|-------|------------|----------|-----------------|----------|-----------|----------|----------|--------------|----------|-----------|
|             | <del></del> | ß                                   |  |          |  |  |  |           |              |          |          | al       |                      |          |          |          |         |         |         |  |             |       | al         |          |                 |          |           |          |          |              |          |           |
| Fina        | Original    | 10/18/05                            |  |          |  |  | 1  |           |              |          | Final    | Original |                      |          | - 1      |          |         |         |         |  |             | Final | Original   |          |                 |          |           |          |          | 1            |          |           |
| iE          | Ö           | è                                   |  |          |  |  |  | ŀ         |              |          | ΙŒ       | Ö        | H                    |          | -        |          |         |         |         |  |             | ίĽ    | Ö          |          |                 |          |           |          | l        |              | 1        |           |
|             |             | _                                   | _  | _        | -  | <u> </u>   | -  | +         | ╄            | Щ        | -        |          | $\sqcup$             |          | +        | +        | +       | +       | $\bot$  | <u> </u>   | Ť           |       |            |          | $\sqcup$        |          |           |          |          | _            | _        | _         |
|             | 1           | V                                   | _  | _        | ļ  | <u> </u>   | ╀  | +         | -            | Щ        |          | 51       | Н                    | +        | +        | +        | -       | _       | +       | ₩  |             |       | 101        |          | $\vdash$        | $\dashv$ |           | -        |          | _            | -        | _         |
|             | 2           | V                                   | -  | _        | -  | ⊢  | ⊬  | +         | ┼            | $\dashv$ |          | 52<br>53 | $\vdash$             | $\dashv$ | +        | +        | +       | - -     | +-      |  |             |       | 102        | _        | $\vdash$        |          | 4         | _        |          | _            | -        | _         |
| -           | 3           | 1                                   | ┡  | _        |  | ┢  | ╁  | +-        | ╁            | Н        |          | 54       | Н                    | $\dashv$ | +        | +        | ┿       | +       | ┿       | $\vdash$   | 1           |       | 103<br>104 |          | $\vdash$        | -        | _         |          |          |              |          | -         |
| <u> </u>    | 5           | 1                                   | ┢  | -        | -  | ╁  | -  | +         | ╁            | $\dashv$ | -        | 55       | $\vdash$             | $\dashv$ | ╅        | ┽        | +       | ┿       | ┿       | ╁┈   | -           |       | 104        | _        | $\vdash$        |          | -         | $\dashv$ |          | -            |          | $\dashv$  |
| <del></del> | 6           | <b> </b>                            | H  | -        | <del> </del>                                     | ├  | ╁╌   | +         | ╁            | $\vdash$ | -        | 56       | Н                    | -        | -        | +        | +       | +       | ╁╌      | ╁  | ł           |       | 106        |          | $\vdash$        | -        | -         | $\dashv$ |          | <del>-</del> |          | $\dashv$  |
|             | 7           | 1                                   |  | $\vdash$ |  | ╁  | ╁╴   | +         | ╁╴           | Н        |          | 57       | H                    | $\dashv$ | 十        | +        | ╅       | +       | ╁       | $\vdash$   | 1           |       | 107        | _        | H               | $\dashv$ | -         | $\dashv$ |          |              | -        | ⊣         |
|             | 8           | 1                                   | Т  |          |  | t.   | $\top$   | $\dagger$ | ╆            | Н        | -        | 58       | H                    | $\neg$   | 十        | +        | +       | ╁       | t       | <u> </u>   | 1           |       | 108        | -        | $\vdash$        | $\dashv$ | -         | $\neg$   |          | _            | _        | $\dashv$  |
|             | 9           | 1                                   | Г  | _        | T  |  | T  | +-        | $\dagger$    | $\dashv$ |          | 59       | П                    | $\neg$   | 十        |          | +       | 十       | †       | <b>!</b>   | 1           |       | 109        |          | Н               |          |           |          |          | $\dashv$     |          | $\dashv$  |
|             | 10          | <b>7</b>                            |  |          |  | T  |  | 1         | 1            | П        |          | 60       | П                    | $\neg$   | 十        | $\top$   | 十       | 1       | $\top$  |  | 1           |       | 110        | _        |                 |          |           |          |          |              | 寸        | $\neg$    |
|             | 11          | 1                                   |  |          |  |  |  | Ι         |              |          |          | 61       |                      |          | $\neg$   | $\top$   | 丁       | $\top$  | 1       | Π  | ]           |       | 111        |          | П               |          |           |          |          | 寸            |          | $\exists$ |
|             | 12          | 1                                   |  |          |  | Г  |  |           |              |          |          | 62       |                      |          |          |          |         |         |         |  | ]           |       | 112        |          |                 |          |           |          |          |              |          |           |
|             | 13          | 7                                   |  |          |  |  |  |           |              |          |          | 63       |                      |          | $\perp$  |          |         |         |         |  | ].          |       | 113        |          |                 |          |           |          |          |              |          |           |
|             | 14          | 1                                   | $oxed{\Box}$   |          |  |  |  |           | ļ            | Ш        |          | 64       | Ш                    | _[       | $\perp$  |          | $\perp$ |         |         | $ldsymbol{oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}}$ |             |       | 114        |          | Ш               |          |           |          |          |              |          |           |
|             | 15          | 1                                   | <u> </u>   |          | <u> </u>   | 1  |  | 1         | _            | Щ        |          | 65       | Ш                    | _        | _        | $\perp$  | $\perp$ |         |         | <u> </u>   | 91.<br>11.5 |       | 115        |          | Ш               |          |           | $\Box$   |          | $ \bot $     | $\bot$   | ]         |
|             | 16          | #-                                  | Ŀ  | _        | <u> </u>   | 1  | 1  | +         | _            | Ц.       | .        | 66       | $\sqcup$             |          | +        | $\bot$   | $\bot$  | +       | _       | Ь  |             |       | 116        | Ш        | $\sqcup$        |          |           |          | $\Box$   | _            | _        | _         |
| <b>⊢</b>    | 17          | #-                                  | ├  | _        | <u> </u>   | -  | -  | +-        | ╁            | Η        | :        | 67       | ${oldsymbol{arphi}}$ | -        | +        | - -      | +       | +       | +       | $\vdash$   | ÷           |       | 117        | Ш        | $\vdash \vdash$ |          |           | Щ        |          | $\dashv$     | _        | _         |
| <u> </u>    | 18<br>19    | ₩                                   | H  |          | ├  | -  | ┼  | +-        | ╀            | Н        |          | 68<br>69 | H                    | +        | +        | +        | +-      | +-      | +-      | ├-   |             |       | 118        |          | $\sqcup$        |          |           | -        |          | $\dashv$     | $\dashv$ | $\dashv$  |
| -           | 20          | ╫                                   | ├  | _        | ┼  | ╀  | ┼  | +         | ╀            | Н        | -        | 70       | Н                    | -        | +        | +        | +-      | -       | +       | ⊢  | 10          |       | 119<br>120 | _        | -               | -        | _         |          |          | -            | $\dashv$ | -         |
| -           | 21          | ╫╴                                  | ├  | _        | <del> </del>                                     | ⊢  | ⊢  | +         | ╁            | Н        | -        | 71       | Н                    | $\dashv$ | +        | -+-      | +       | ╫       |         | ├-   | ł           |       | 121        | -        |                 |          | -         |          |          | $\dashv$     | $\dashv$ | -         |
| <u> </u>    | 22          | ╫                                   | ⊢  | _        | ┝  | $\vdash$   | ┼  | ┿         | ╁            | Н        | _        | 72       | $\vdash$             | -        | +        | +        | +       | +       | +       | ┼  | ł           |       | 122        |          |                 | -        | $\vdash$  | -        |          | $\dashv$     | $\dashv$ | -         |
|             | 23          | H                                   | ٠.   | -        | -  | <del>                                     </del> | +-   | +-        | $\vdash$     | Н        |          | 73       | H                    | $\dashv$ | $\dashv$ | +        | +       | +       | ╫       | ╁  | ł           |       | 123        | $\vdash$ | $\vdash$        | $\vdash$ |           | Н        | $\vdash$ | $\dashv$     |          | _         |
|             | 24          | H                                   | $\vdash$   | _        | _  | $\vdash$   | ╁  | ╁         | 十            |          |          | 74       | Н                    | 十        | 十        | +        | +       | ╈       | ╁       | ╁  | ł           |       | 124        | -        |                 | -        | $\vdash$  |          | -        | $\dashv$     | $\dashv$ | _         |
| <u> </u>    | 25          | ╫                                   | $\vdash$   |          |  | 1  | <del> </del>                                     | +         | T            | Н        |          | 75       | Н                    | $\dashv$ | $\dashv$ | +        | +       | +       | +       | ┪  | 1           |       | 125        |          | Н               |          |           |          |          |              | ᅥ        | $\dashv$  |
|             | 26          | 1                                   |  | _        | 1  |  | <del>                                     </del> | ╁         | 十            |          |          | 76       | П                    |          | 7        | _        | 十       | 十       | +-      | ✝  | i           |       | 126        |          | Н               | $\dashv$ |           |          |          | 1            |          |           |
|             | 27          | 4                                   |  | _        |  |  | 1  | T         | Т            | П        |          | 77       | П                    |          | 十        | ┪        | T       | T       | 1       |  |             |       | 127        |          | П               |          |           |          |          | $\neg$       | $\neg$   |           |
|             | 28          | 1                                   |  |          |  |  |  |           | Τ            |          |          | 78       |                      |          | $\neg$   | T        |         | $\top$  |         |  |             |       | 128        |          |                 |          |           |          |          |              | $\neg$   |           |
|             | 29          |                                     |  |          | <u> </u>   |  |  |           |              |          |          | 79       |                      |          | $\Box$   |          |         |         |         |  | ,           |       | 129        |          | П               |          |           |          |          |              |          |           |
| <u> </u>    | 30          |                                     |  |          |  |  |  |           |              |          |          | 80       | Ш                    |          |          |          |         |         |         |  |             |       | 130        |          |                 |          |           |          |          |              |          |           |
|             | 31          |                                     |  |          | <u> </u>   | <u> </u>   | 1  | 1         | <u> </u>     | Ш        |          | 81       | Ш                    | _        | $\perp$  | ┸        | 1       | 4_      | _       |  | j.          |       | 131        |          | Ш               |          |           |          |          |              | $\Box$   |           |
| <u> </u>    | 32          | <b> </b> _                          |  | _        | <u> </u>   | <u> </u>   | $\vdash$   | 1         | $\perp$      | Щ        |          | 82       | Ш                    | _        | 4        | 4        | $\bot$  | $\bot$  | $\perp$ | ↓_   |             |       | 132        |          | Щ               |          |           |          |          |              | _        | _         |
| <u> </u>    | 33          | <del> </del> _                      | <u> </u>   | _        | <b> </b>   | <del> </del>                                     | -  | ╁         | _            | Щ        | -        | 83       | $\vdash$             | _        | -        | 4        | +       | $\bot$  | 1-      | ↓_   |             |       | 133        |          | $\sqcup$        | $\Box$   | $\dashv$  | $\sqcup$ |          | _            | _        | _         |
|             | 34<br>35    | -                                   | -  |          | <del> </del>                                     | 1  | +  | +         | $\vdash$     | $\vdash$ | -        | 84       | H                    | +        | +        | +        | +       | +       | +-      | Н-   |             |       | 134        | Ш        | $\vdash \vdash$ |          | _         | $\sqcup$ | -        |              | _        | 4         |
|             | 36          | -                                   |  | -        | 1  | $\vdash$   | ╀  | +         | +-           | $\dashv$ | -        | 85<br>86 | $\vdash \vdash$      | $\dashv$ | +        | +        | +       | +       | +       | $\vdash$   |             |       | 135<br>136 | $\vdash$ | $\vdash$        | $\vdash$ | Щ         | _        | $\vdash$ | $\dashv$     | 4        | $\dashv$  |
| <u> </u>    | 37          | -                                   |  | -        | ╁  | ╁  | ⊢  | +         | +            | H        |          | 87       | Н                    | $\dashv$ | +        | +        | +       | +       | +-      | ╁  |             |       | 135        | Н        | $\vdash \vdash$ |          | $\dashv$  | -        | $\vdash$ | -+           | -        | $\dashv$  |
|             | 38          | <del> -</del>                       | $\vdash$   |          | 1  | ┢  | ╁╌   | +         | +            | H        | -        | 88       | $\vdash \vdash$      | +        | +        | +        | +       | +       | ╁       | ╁  |             |       | 137        | Н        | $\vdash \vdash$ |          | $\dashv$  | -        | -        | -+           | -        | $\dashv$  |
| <u> </u>    | 39          | ┢                                   | <del> </del>   |          | $\vdash$   | $\vdash$   | $\vdash$   | +         | $\vdash$     | $\dashv$ |          | 89       | H                    | +        | $\dashv$ | +        | +       | +       | +-      | +-   |             |       | 139        | Н        | $\vdash$        | $\vdash$ | $\vdash$  | $\vdash$ | $\vdash$ | $\dashv$     | -        | $\dashv$  |
|             | 40          | $\vdash$                            | $\vdash$   |          | <del>                                     </del> | 1  | $\vdash$   | +         | 1            | $\dashv$ |          | 90       | H                    | +        | +        | +        | +       | +       | +       | <del> </del>   |             |       | 140        | $\vdash$ | $\vdash$        | $\vdash$ | -         |          | $\vdash$ | $\dashv$     | $\dashv$ | $\dashv$  |
|             | 41          | -                                   |  |          | $\vdash$   | $\vdash$   | $\vdash$   | +         | $\top$       | $\vdash$ | -        | 91       | H                    | $\dashv$ | $\dashv$ | $\dashv$ | 十       | 十       | +       | $\vdash$   |             |       | 141        | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$  | $\dashv$ |          |              | ᆉ        | $\dashv$  |
|             | 42          | Г                                   |  |          | T  | T  |  | $\top$    | 1            | $\sqcap$ |          | 92       | H                    | 十        | $\top$   | +        | $\top$  | +       | +       | t  | 1           |       | 142        | Н        | $\vdash$        |          | ᅱ         | $\dashv$ | -        | $\dashv$     | $\dashv$ | $\dashv$  |
|             | 43          |                                     |  |          | 1  |  |  | T         |              | П        |          | 93       | П                    | 寸        | $\top$   | $\neg$   | 1       |         |         |  |             |       | 143        |          | Н               | $\vdash$ | $\exists$ |          |          | 1            | ┪        | $\neg$    |
|             | 44          |                                     |  |          |  |  | L  |           |              |          |          | 94       |                      |          |          | ╧        |         |         | $\perp$ |  |             |       | 144        |          |                 |          |           |          | $\Box$   | $\dashv$     | 7        |           |
|             | 45          |                                     |  |          |  |  |  | Γ         |              |          |          | 95       |                      |          |          |          |         |         | L       |  |             |       | 145        |          |                 |          |           |          |          | $\exists$    |          |           |
|             | 46          |                                     |  |          |  | 匚  | $\Box$   |           |              |          |          | 96       | $\square$            |          | $\Box$   |          | Τ       | Ι       |         |  | ]           |       | 146        |          |                 |          |           |          |          |              |          |           |
| <u> </u>    | 47          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |          |  | $\perp$  |  |           |              |          |          | 97       | П                    | $\Box$   | $\perp$  |          | L       |         |         |  |             |       | 147        |          | $\square$       |          |           |          |          | $\Box$       |          |           |
| <u> </u>    | 48          | _                                   |  |          | Щ.   | <u> </u>   | L  | L         | <u> </u>     | $\Box$   |          | 98       | П                    |          | $\perp$  |          | $\perp$ | $\perp$ |         | $\overline{\Box}$  |             |       | 148        |          | Ш               |          |           |          |          | $\Box$       | $\Box$   |           |
| <u> </u>    | 49          | <u> </u>                            | Щ  |          | <u> </u>   | <u> </u>   | <u> </u>   | ـــــ     | $oxed{oxed}$ | Ш        | <u> </u> | 99       | Ш                    | $\perp$  | $\perp$  | $\perp$  | 4       | 4_      | ↓_      | <u> </u>   |             |       | 149        | Ш        | Ш               |          |           | ]        |          |              |          |           |
|             | 50          |                                     | $ldsymbol{ld}}}}}}$ |          |  | 乚  | <u></u>  | L         |              |          |          | 100      |                      | l_       |          | _1       | $\perp$ |         |         |  |             |       | 150        |          |                 |          |           |          |          |              |          |           |